

January 5, 1940

Mr. J. M. Patterson  
1408 Alamo National Bank Bldg.  
San Antonio, Texas

Dear Mr. Patterson:

It seems that it will be possible to tie in one fossil horizon in the Cook Mountain of east Texas with this same horizon in the Cooke Mountain of the Rio Grande region. The horizon is characterized by Crassatella texalta Harris and Turritella cortesi Bowles.

Turritella cortesi was described from a locality 7200 meters in S.44°W. direction from the church tower in Mier, Tamaulipas, Mexico. It also occurs in a 15-inch Turritella zone shown on page 43 of Lonsdale's "Geology and ground-water resources of Webb County, Texas," U.S.G.S. Water-Supply Paper 778. I wonder whether you know into which of the divisions of the Cook Mountain that you have established this Turritella zone falls.

I presume that I will do some work in the Rio Grande region this spring. I would like to see how much of the section can be definitely tied in with the east Texas section as I know it.

Very sincerely yours,

H. B. Stenzel, Geologist

HBS:jw